**Index of Claims** 

| Application No. | Applicant(s)   |  |
|-----------------|----------------|--|
| 10/016,799      | HANG, CHIA-LUN |  |
| Examiner        | Art Unit       |  |
| Reba I. Elmore  | 2189           |  |

Rejected Allowed

(Through numeral) Cancelled Restricted

Non-Elected Ν Interference

Appeal Α o Objected

|   |  |   | <u> </u>                |          |  |          |        | J        |              | L_   |  |     |    |  |  |
|---|--|---|-------------------------|----------|--|----------|--------|----------|--------------|--|--|-----|----|--|--|
| Г | CI   | aim   | г                       | Date     |  |          |        |          |              |  |  |     |    |  |  |
| ŀ | UI   | <u>aim</u>  | ⊢                       | ı —      | 1  |          | T      | <u> </u> | T            | 1  | П  |     |    |  |  |
|   | 77   | <u>a</u>  | ट्र                     | 8        | ω  | ဗြ       | ي ا    |          | 1            |  |  |     |    |  |  |
|   | Final  | Original  | Ξ                       | 5/10/05  | 9/2/05   | 3/13/06  | 2/6/06 |          | 1            | 1  |  |     |    |  |  |
|   |  | Ŏ   | 12                      | ß        | 00   | 'n       | 1      |          | 1            |  |  | 1   |    |  |  |
| k |  | 1   | J                       | 1        | 1  | -        |        |          | ├            | ╫┈   | $\vdash$   | ╣   |    |  |  |
|   |  | +   | J                       | Ť        | <del>                                     </del> | H        |        | ├        | H            | $\vdash$   | ╁  | 1   |    |  |  |
|   |  | 4   | J                       | -        | ┢  | $\vdash$ |        |          |              | $\vdash$   |  | ╣   |    |  |  |
| ı |  | 4   | J                       |          | -  | -        |        |          |              | ╁  | ╁  | 1   |    |  |  |
| 1 |  | 5   | Ì                       | $\vdash$ | H  | $\vdash$ |        | -        | <u> </u>     | ┢  | <del>                                     </del> | 1   |    |  |  |
| H |  | 6   | Ì                       | H        | _  | _        |        |          |              | $\vdash$   | $\vdash$   | t   |    |  |  |
| j |  | 7   | 1                       |          |  |          |        |          |              | $\vdash$   | t  | 1   |    |  |  |
|   |  | 8   | 1                       |          |  |          |        |          |              | _  |  | 1   |    |  |  |
| İ |  | 9   | 1                       |          |  |          |        |          |              | T  |  | 1   |    |  |  |
| ı |  | 10  | 1                       |          |  |          |        |          | Г            |  |  | 1   |    |  |  |
| ľ | 1  | 0   | √                       |          |  | 4        | =      |          |              |  |  | 1   |    |  |  |
| Ī |  | 3/2   | √                       |          |  |          |        |          |              |  |  | 1   |    |  |  |
| Γ | 2  | 13  | √                       |          |  | 4        | =      |          |              |  |  | ]   |    |  |  |
|   | 3  | 14  | √                       |          |  |          | =      |          |              |  |  | ]   |    |  |  |
|   | 4  | 15  | √                       |          |  |          | =      |          |              |  |  | ]   |    |  |  |
|   | 5  | 16  | √                       |          |  |          | =      |          |              |  |  | ]   |    |  |  |
| Ĺ | 6  | 17  | √                       |          |  |          | =      |          |              |  |  | ]   |    |  |  |
|   | 7  | <b>(3</b> 8)  | √                       |          |  |          | =      |          |              |  | L  | ]   |    |  |  |
| L | 8  | 19  | 4                       |          |  |          | =      | _        | L            |  |  | ]:  |    |  |  |
| L | 9  | 20  | 1                       |          |  |          | =      | L        | ᆫ            | L  | <u> </u>   |     |    |  |  |
| L | 10   | 21  | 1                       |          | L.,  |          | 三      |          |              |  | <u> </u>   |     |    |  |  |
| L | 11   | 22  | 1                       |          |  |          | =      |          |              |  |  |     |    |  |  |
| L | 12   | 23  | 1                       |          |  |          | 三      |          |              | <u> </u>   | <u> </u>   |     |    |  |  |
| L | 13   | 24  | 1                       | Ш        |  |          | =      |          |              |  | _  |     |    |  |  |
| L | 14   | (25)  | 1                       |          |  |          | =      |          |              | _  | <u> </u>   | l   |    |  |  |
| ŀ | 15   | 26  | 7                       |          | Ш  |          | =      |          | _            | <u> </u>   | L  |     |    |  |  |
| F | 16   | 27  | 7                       | Н        |  |          | =      |          | <u> </u>     | L  | <u> </u>   | -   |    |  |  |
| ┢ | 17   | 28  | V                       |          | Н  |          | =      |          | ⊢            | ⊢  | ├  | -   |    |  |  |
| ŀ | 2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20 | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>10<br>12<br>13<br>14<br>15<br>16<br>17<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>33<br>33<br>34<br>35<br>36<br>36<br>37<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38<br>38 |                         | $\vdash$ | Н  |          | =      | $\vdash$ | <u> </u>     | -  | ⊢  | -   |    |  |  |
| ┢ | 20   | 20  | 7                       |          |  | _        | -      | ⊢        | _            | ⊢  | -  | -   |    |  |  |
|   | 20   | 2/  | V                       |          |  |          | _      | ├-       | _            | ⊢  | ┝  | -   |    |  |  |
| 1 | 21   | 33  | 1                       |          | _  | 1        | =      | ┝        | ├            | $\vdash$   | H  | 1   |    |  |  |
| ╁ | 22   | 34  | 7                       |          |  | ,        | -      | -        | <del> </del> | -  |  |     |    |  |  |
| ŀ | 23   | 35  | 7                       |          |  |          | -      | _        |              | -  |  | 1   |    |  |  |
| t | 24   | 36  | V                       | $\vdash$ |  |          | =      | -        | _            | $\vdash$   | _  | ł   |    |  |  |
| t | 25   | (37)  | $\overline{\mathbf{V}}$ |          |  |          | =      | Н        | -            | <del>                                     </del> |  |     |    |  |  |
| t | 21<br>22<br>23<br>24<br>25<br>26<br>27   | 38  | <b>V</b>                |          |  |          | =      |          |              |  | T  |     |    |  |  |
| r | 27   | 38<br>39  | 4                       |          |  | _        | =      |          |              |  | T  | 1   |    |  |  |
| T | 28   | 40  | 1                       |          |  |          | =      |          |              |  | T  | 1   |    |  |  |
| Γ | 29   | 41  | <b>V</b>                |          |  |          | =      |          |              |  |  | 1   |    |  |  |
|   | 30   | 42  | ۷.                      |          |  |          | =      |          |              |  |  | 1   |    |  |  |
|   | 31   | 42<br><b>43</b>   | <b>√</b>                |          |  |          | =      |          |              |  |  | ľ   |    |  |  |
| Ĺ | 32   | 44  | 1                       |          |  |          | =      |          |              |  |  |     |    |  |  |
| L | 33   | 45  | 1                       |          |  |          | =      |          |              |  |  |     | :: |  |  |
| L | 34   | 46  | 1                       |          | ]  |          | =      |          |              |  |  |     |    |  |  |
| L | 35   | 47  | 1                       | [        | ]  |          | 11     |          |              |  |  |     | :: |  |  |
| L | 36   | 48  | √<br>,                  |          | _  |          | =      |          |              | <u> </u>   |  |     |    |  |  |
| L | 37   | 49  | 1                       |          | _  |          | =      |          |              | <u> </u>   | _  |     | :: |  |  |
| 1 | 38   | l 50 l  | √                       |          | - 1  |          | =      |          |              | l  | 1  | 1:: | :: |  |  |

| CI       | aim               | Date       |          |          |          |         |                 | ]:::     |          | Cla  | Date |    |             |          |          |          |          | 7        |        |   |          |          |              |                   |
|----------|-------------------|------------|----------|----------|----------|---------|-----------------|----------|----------|--|------|----|-------------|----------|----------|----------|----------|----------|--------|---|----------|----------|--------------|-------------------|
|          |                   |            |          |          |          |         | П               |          |          |  |      |    |             |          | _        |          |          |          |        |   |          |          |              | 1                 |
| ल        | Original          | 12/11/04   | 5/10/05  | 9/2/05   | 3/13/06  | 2//6/06 |                 |          |          |  |      |    | ল           | Original | 12/11/04 | 5/10/05  | 9/2/05   | 3/13/06  | 90/9/2 |   |          |          |              | ١                 |
| Final    | rig               | 2          | 10       | 32       | 13       | 192     |                 | ı        |          |  |      |    | Final       | Ē        | ž        | [윤       | 9/2/     | /13      | /9/    |   |          |          |              | ı                 |
|          | 0                 | 7          | 2        | "        | ۳        | '-      |                 | 1        |          |  |      |    |             | 0        | ~        | ິ        | ٠.       | 8        | ,      |   |          |          | l            | l                 |
|          | 1                 | 1          | 7        | 1        | _        |         | П               | 7        |          |  |      |    | 39          | 51       | 1        | 1        | 7        | 1        | =      |   |          | $\vdash$ | H            | 1                 |
|          | 2                 | 1          | Ť        |          |          |         | 1               | 寸        |          |  |      |    | 40          | (52)     | 1        |          |          |          | =      | _ |          |          | Т            | 1                 |
|          | 3                 | 1          |          |          | H        |         |                 | 7        |          |  | 1    |    | 41          | 53       | 1        |          |          |          | =      |   |          |          | T            | 1                 |
|          | 4                 | 1          |          |          |          |         |                 | $\neg$   |          | <del>                                     </del> |      |    | 42          | 54       | 1        |          |          |          | =      |   |          |          | Т            | 1                 |
| ì        | 5                 | 1          |          |          | $\vdash$ |         |                 | _        | _        | <u> </u>   |      |    | 43          | 55       | 1        | -        |          |          | =      |   |          | $\vdash$ |              | 1                 |
|          | 6                 | V          | _        |          | -        |         |                 | -        |          |  |      |    | 44          | 56       | 7        |          |          |          | =      |   | $\vdash$ | $\vdash$ | Н            | 1                 |
| i        | 7                 | 7          | _        |          |          |         | $\vdash$        | $\dashv$ |          | H  |      |    | 45          | 57       | 1        | _        |          | _        | =      | _ | _        | _        | $\vdash$     | 1                 |
|          | 8                 | 1          |          |          |          | ,       | H               | _        |          | -  |      | :: | 46          | 58       | 7        |          |          |          |        | - |          |          | -            | ł                 |
| ì        | 9                 | 7          |          |          | -        |         | $\vdash$        | ┪        |          |  |      | :: | 70          | 59       | Ė        |          | _        |          |        |   | $\vdash$ |          | ┢            | ┨                 |
|          | 10                | 1          |          |          |          |         | $\vdash$        | $\dashv$ | _        |  |      |    | <b></b>     | 60       |          |          |          |          |        |   | $\vdash$ |          |              | 1                 |
| 1        | Õ                 | 1          |          |          | 1        | =       | ╁               | -        |          |  |      |    | <b></b>     | 61       | _        |          |          |          |        |   | <u> </u> |          | H            | ┨                 |
|          | 3/2               | 1          |          |          | Ť        |         | $\vdash$        | -        |          | -  |      |    | <del></del> | 62       |          |          |          |          | -      |   |          |          |              | 1                 |
| 2        | 13                | 1          |          | $\vdash$ | <b>V</b> | =       | $\vdash$        | $\dashv$ |          | _  |      |    | <u> </u>    | 63       |          |          | -        |          |        |   |          |          | -            | ┨                 |
| 3        | 14                | 1          |          | H        | ·        | =       | -               | -+       |          | _  |      | ii |             | 64       |          |          |          |          |        |   |          | _        | -            | ┨                 |
| 4        | 15                | <b>√</b>   |          | -        | $\vdash$ | -       | $\vdash \vdash$ | $\dashv$ | -        |  |      |    |             | 65       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$ | -      | _ | $\vdash$ |          | _            | $^{+}$            |
| 5        | 16                | 1          |          | _        |          | =       | $\vdash$        | $\dashv$ | _        |  |      | :: |             | 66       |          | $\vdash$ | -        | _        |        |   | _        |          |              | +                 |
| 6        | 17                | 1          |          |          |          | -       | $\vdash$        |          | -        |  |      | ii | <b></b> -   | 67       |          |          |          |          |        |   |          |          |              | 1                 |
| 7        | 13                | 7          |          |          | $\vdash$ | _       | $\vdash$        | $\dashv$ |          |  |      | :: |             |          | -        | -        |          |          | -      |   |          | H        | ⊢            | ┨                 |
|          |                   | <b>√</b>   |          |          |          | =       | $\dashv$        | $\dashv$ |          |  |      | :: |             | 68       |          | _        | -        |          |        |   |          |          |              | -                 |
| 8        | 19<br>20          | <b>V</b> ✓ |          |          |          | =       | -               |          | _        |  |      | :: |             | 69       |          |          |          |          |        |   |          | $\vdash$ | -            | 1                 |
|          |                   | √<br>√     |          |          | _        |         | $\vdash$        | +        | _        |  |      | :: |             | 70       |          |          |          |          |        |   | _        |          | <del> </del> | 4                 |
| 10       | 21                | √<br>√     |          |          |          | _       | $\rightarrow$   | -+       | -        |  |      |    |             | 71       |          |          |          | -        |        |   |          | $\vdash$ | $\vdash$     | 4                 |
| 11       | 22                | √<br>√     |          | _        | _        | =       |                 | +        |          |  |      |    |             | 72       |          |          | -        | -        |        |   |          |          | _            | 4                 |
| 12       | 23                | <b>∨</b>   | _        |          | -        | =       | -               | -        |          |  |      |    |             | 73       |          |          | -        |          |        |   |          |          | _            | 4                 |
| 13<br>14 | 24<br><b>(25)</b> | <b>√</b>   | _        |          |          | =       |                 | $\dashv$ | $\dashv$ |  |      |    |             | 74       |          |          | -        | $\dashv$ | _      | _ |          |          |              | 1                 |
| 15       | 26                | √<br>√     | _        |          |          | =       |                 | $\dashv$ | -        |  |      | :: |             | 75       |          | _        |          | $\dashv$ | _      |   |          | $\vdash$ | <u> </u>     | 1                 |
|          | 26                | √<br>√     | $\dashv$ |          |          | =       | $\dashv$        | -+       |          |  |      | :: |             | 76       |          | Н        |          |          |        |   |          |          | _            | 1                 |
| 16<br>17 | 27<br>28          | 7          | -        |          |          | =       |                 | -+       | -        |  |      | :: |             | 77       |          | _        |          |          |        |   |          |          |              | 1                 |
|          | 29                | √<br>√     |          |          |          | =       | -               | -        | -        |  |      | :: |             | 78       |          | -        | -        |          | _      |   |          |          | -            | $\left\{ \right.$ |
| 18       |                   | 7          | -        | _        |          | =       | -               | +        | $\dashv$ |  |      | :: |             | 79       |          | _        | $\dashv$ |          |        |   |          |          |              | $\frac{1}{2}$     |
| 19       | 30                | 7          | _        | _        |          | =       | $\rightarrow$   | $\dashv$ | $\dashv$ |  |      | :: |             | 80       |          |          |          | -        |        |   |          |          | _            | -                 |
| 20       | (8)               |            |          |          |          | =       | -               | $\dashv$ | $\dashv$ | _  |      |    |             | 81       |          |          | _        | _        | -      |   |          |          |              | -                 |
| 04       | 22                | 1          |          | _        | _        | _       | $\dashv$        | -        |          |  | :::  |    |             | 82       |          | $\dashv$ | -        |          |        |   |          | $\vdash$ |              | -                 |
| 21       | 33                | 1          | _        |          | 1        | 프       | $\dashv$        | 4        |          |  | :::  |    |             | 83       | _        | -        | _        |          |        |   |          |          | -            | -                 |
| 22       | 34                | 1          | _        | $\dashv$ | $\vdash$ | =       | $\dashv$        |          |          |  |      |    |             | 84       |          |          | _        |          | _      |   |          | $\vdash$ | -            | 1                 |
| 23       | 35                | 7          |          | $\dashv$ | $\dashv$ | =       | +               |          | _        |  |      |    |             | 85       |          |          |          |          |        |   |          | $\vdash$ |              | 1                 |
| 24       | 36                |            |          |          | $\dashv$ | =       | +               |          |          |  |      |    |             | 86       | _        | $\dashv$ |          | -        |        |   |          | -        | _            | 1                 |
| 25       | <b>(1)</b>        | 1          |          |          |          | =       | $\dashv$        | +        | -        |  |      |    |             | 87       |          | -        |          |          |        |   |          | $\Box$   |              | 1                 |
| 26       | 38                | 1          | -        | $\dashv$ |          | =       | $\dashv$        | $\dashv$ | $\dashv$ |  |      |    |             | 88       | -        | _        |          |          | _      |   |          | -        |              | ŀ                 |
| 27       | 39                | 1          | $\dashv$ | $\dashv$ |          | =       | $\dashv$        | $\dashv$ | 4        | $\dashv$   |      |    |             | 89       | $\dashv$ |          |          | _        | -      | _ | _        |          |              | ŀ                 |
| 28       | 40                | 1          |          |          |          | =       | $\dashv$        | $\dashv$ | 4        |  |      |    |             | 90       |          |          | _        | _        | _      |   | _        | _        | _            | 1                 |
| 29       | 41                | 1          |          |          |          | =       | $\dashv$        | $\dashv$ | 4        |  |      | ا  |             | 91       | _        | _        |          | _        |        | _ |          |          |              | 1                 |
| 30       | 42                | <b>V</b>   |          |          |          | =       |                 | -        | -        |  |      |    |             | 92       | -        | _        |          | _        |        | _ |          |          | _            | ŀ                 |
| 31       | <b>③</b>          | 1          |          | $\dashv$ |          | =       |                 | 4        | _        |  |      | ۱, |             | 93       |          |          | _        | _        |        | _ | _        |          | _            | ļ                 |
| 32       | 44                | 1          | _        |          |          | =       | $\dashv$        | $\dashv$ | 4        | _  |      |    |             | 94       |          | _        | _        | _        | _      |   | _        |          |              | ľ                 |
| 33       | 45                | <b>√</b>   |          |          | _        | =       | _               | $\dashv$ | _        | $\dashv$   |      | :  |             | 95       |          | _        | _        |          | _      |   | _        |          |              | I                 |
| 34       | 46                | 1          | _        |          | _        | =       | $\dashv$        | $\dashv$ | 4        |  |      |    |             | 96       |          | _        | _        | _        |        |   |          |          |              |                   |
| 35       | 47                | 1          | _        | _        | _        | =       | _               | _        | _        |  |      |    |             | 97       | _        | 4        |          | _        | _      | _ | _        |          |              |                   |
| 36       | 48                | √,         |          | _        |          | =       | _               | _        | _        |  |      |    |             | 98       | _        | _        |          | _        | _      |   |          |          |              | 1                 |
| 37       | 49                | <b>√</b>   |          | _        | _        | =       | _               | 4        | _        | ļ  |      |    |             | 99       | _        | _        |          | _        |        | _ |          |          | _            | l                 |
| 38       | 50                | <b>√</b>   |          |          |          | =       |                 | $\perp$  |          |  |      |    |             | 100      |          | $\perp$  |          |          |        |   |          |          |              | ŀ                 |

|        | ı          | Ь        |          |          |              | _        |             |          | 3        |                |  |  |  |
|--------|------------|----------|----------|----------|--------------|----------|-------------|----------|----------|----------------|--|--|--|
| ÇI     | aim        | Date     |          |          |              |          |             |          |          |                |  |  |  |
| Final  | Original   |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 101        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 102        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 103        | L        |          |          |              | _        | _           | _        |          | Ш              |  |  |  |
|        | 104        |          | L.       |          |              | ļ        | L           | <u> </u> | ╙        | Ш              |  |  |  |
|        | 105        | _        |          |          | _            |          |             | <u> </u> | ļ        | Н              |  |  |  |
|        | 106<br>107 |          | ┝        | -        | <u> </u>     | ┢        |             | -        | ⊢        | Н              |  |  |  |
|        | 107        | $\vdash$ | ┢        | _        | <del> </del> | $\vdash$ | ┢           | -        | ┝        | Н              |  |  |  |
|        | 109        | -        | $\vdash$ | $\vdash$ | $\vdash$     | Н        |             | 一        | $\vdash$ | Н              |  |  |  |
|        | 110        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 111        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 112        |          |          |          |              |          |             |          |          | Ш              |  |  |  |
|        | 113        | _        | ļ        | Ļ        |              | <u> </u> | <u> </u>    | _        |          | Ш              |  |  |  |
|        | 114<br>115 | _        | H        | _        | _            | $\vdash$ | ⊢           | -        |          | Н              |  |  |  |
|        | 116        | ⊢        | <u> </u> | _        | $\vdash$     |          | ├           |          | $\vdash$ | Н              |  |  |  |
|        | 117        | $\vdash$ |          |          | _            | ┢        | $\vdash$    |          |          | $\vdash$       |  |  |  |
|        | 118        |          |          |          |              | -        |             | $\vdash$ | $\vdash$ |                |  |  |  |
|        | 119        |          |          |          |              | T        |             |          |          |                |  |  |  |
|        | 120        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 121<br>122 |          |          |          |              |          |             |          |          | Ш              |  |  |  |
|        | 122        |          |          |          | _            |          | _           | <u> </u> | <u> </u> | Ш              |  |  |  |
|        | 123        |          |          |          | _            |          | <u> </u>    | _        | _        | Н              |  |  |  |
|        | 124<br>125 |          | _        |          | _            | -        | ├           |          | -        | $\vdash\vdash$ |  |  |  |
|        | 126        |          | _        |          |              | $\vdash$ | ├─          |          | ├─       | $\vdash$       |  |  |  |
|        | 127        |          | _        |          | _            | $\vdash$ | <del></del> |          | ┢        | Н              |  |  |  |
|        | 127<br>128 |          |          |          |              |          |             |          |          | П              |  |  |  |
|        | 129        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 130<br>131 |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 131        |          |          |          |              |          |             |          | <u> </u> | Ш              |  |  |  |
|        | 132<br>133 |          |          |          |              |          |             | _        | _        | Н              |  |  |  |
|        | 134        |          |          |          |              |          |             |          | _        | $\vdash\vdash$ |  |  |  |
| -      | 135        |          |          |          |              |          |             |          |          | Н              |  |  |  |
|        | 136        |          |          |          | _            |          |             | -        | _        | Н              |  |  |  |
|        | 137        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 138        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 139        |          |          |          |              | Щ        |             |          |          | Ш              |  |  |  |
|        | 140        |          |          |          |              |          |             |          | _        | Н              |  |  |  |
|        | 141<br>142 | -        | $\dashv$ |          |              | -        | _           |          | <u> </u> | Н              |  |  |  |
|        | 143        | 一        |          |          |              |          |             |          |          | Н              |  |  |  |
| $\neg$ | 144        | $\dashv$ | Н        |          |              | Н        |             |          |          | Н              |  |  |  |
|        | 145        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 146        |          |          |          |              |          |             |          |          |                |  |  |  |
|        | 147        | $\Box$   |          |          |              |          |             |          |          |                |  |  |  |
|        | 148        | _        | 4        | _        | _            |          |             |          |          | Ц              |  |  |  |
|        | 149        | 4        | 4        | _        | _            | $\sqcup$ |             |          |          | Н              |  |  |  |
|        | 150        |          |          |          |              |          |             |          |          |                |  |  |  |